AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application. Amendments to the claims were made where clear antecedent bases, an exhausting recital, or a Trademark were lacking, and are not due to the prior art:

1.   (Currently Amended) A method in a data processing system of determining a location of a portable data processing system, the method comprising:

determining resources geographically proximate to the portable computer data processing system to generate a location syndrome;

comparing the location syndrome to a set of location profiles; and

responsive to sufficiently matching the location syndrome to one of the set of location profiles, returning, to another software component, a label corresponding to a matched one of the set of location profiles as a current location of the portable data processing system.

2.   (Currently Amended) The method as recited in claim 1, wherein sufficiently matching the location syndrome to one of the set of location profiles comprises:

assigning a score to each location profile wherein the score corresponds to a degree to which the location profile matched the location syndrome, and a set of the assigned scores ranges from a highest assigned score to a lowest assigned score.

3.   (Currently Amended) The method as recited in claim 2, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

storing a set of unique location identification labels corresponding to the set of location profiles as a set of candidate locations;

eliminating the unique location identification labels of for the lower-scoring location profiles with the lowest assigned score to produce a revised set of candidate locations; and

identifying a best match from the revised set of candidate locations as the current location of the portable data processing system.

4.   (Currently Amended) The method as recited in claim 3, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

responsive to a determination that the <u>assigned</u> score of one of the revised set of candidate locations with the highest <u>assigned</u> score exceeds that <u>assigned</u> score of other ones of the revised set of candidate locations by a specified margin and that the <u>assigned</u> score of the one of the revised set of candidate locations exceeds a threshold value, identifying the one of the revised set of candidate locations with the highest <u>assigned</u> score as the current location of the portable data processing system.

5.   (Currently Amended) The method as recited in claim 3, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

responsive to a determination that the <u>assigned</u> score of one of the revised set of candidate locations with the highest <u>assigned</u> score does not exceed the <u>assigned</u> score of other ones of the revised set of candidate locations by a specified margin and that the <u>assigned</u> scores of at least some of the others of the revised set of candidate locations exceed a threshold value, presenting at least some of the revised set of candidate locations to a user for user selection of the current location <u>of the portable data processing system</u>.

6.   (Currently Amended) The method as recited in claim 1, wherein determining resources geographically proximate to the portable ~~computer~~ <u>data processing system</u> comprises using a directory-based protocol.

7.   (Currently Amended) The method as recited in claim 1, wherein determining resources geographically proximate to the portable ~~computer~~ <u>data processing system</u> comprises using at least one of a Dynamic Host configuration Protocol, a Service Discovery Protocol, and Jini<u>^{TM}</u>.

8.   (Currently Amended) The method as recited in claim 1, wherein determining resources geographically proximate <u>to the portable data processing system</u> comprises

determining the latency between a message to interrogate a component and the arrival of the response.

9.   (Currently Amended) The method as recited in claim 1, wherein determining resources geographically proximate to the portable data processing system comprises determining a route that a message to interrogate a component takes.

10.   (Currently Amended) The method as recited in claim 1, wherein the resources include behaviors of the data processing system and proximate network.

11.   (Currently Amended) A computer program product in a computer readable media for use in a portable data processing system for determining a location of the portable data processing system, the computer program product comprising:

        determining instructions for determining resources geographically proximate to the portable computer data processing system to generate a location syndrome;

        comparing instructions for comparing the location syndrome to a set of location profiles; and

        matching instructions, responsive to sufficiently matching the location syndrome to one of the set of location profiles, for returning, to another software component, a label corresponding to a matched one of the set of location profiles as a current location of the portable data processing system.

12.   (Currently Amended) The computer program product as recited in claim 11, wherein sufficiently matching the location syndrome to one of the set of location profiles comprises:

        scoring instructions for assigning a score to each location profile wherein the score corresponds to a degree to which the location profile matched the location syndrome and a set of the assigned scores ranges from a highest assigned score to a lowest assigned score.

13.   (Currently Amended) The computer program product as recited in claim 12, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

    storing instructions for storing a set of unique location identification labels corresponding to the set of location profiles as a set of candidate locations;

    elimination instructions for eliminating the unique location identification labels of for the lower-scoring location profiles with the lowest assigned score to produce a revised set of candidate locations; and

    identifying instructions for identifying a best match from the revised set of candidate locations as the current location of the portable data processing system.

14.   (Original) The computer program product as recited in claim 13, wherein the identifying instructions are first identifying instructions and wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

    second identifying instructions, responsive to a determination that the assigned score of one of the revised set of candidate locations with the highest assigned score exceeds that assigned score of other ones of the revised set of candidate locations by a specified margin and that the assigned score of the one of the revised set of candidate locations exceeds a threshold value, for identifying the one of the revised set of candidate locations with the highest assigned score as the current location of the portable data processing system.

15.   (Currently Amended) The computer program product as recited in claim 13, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

    presenting instructions, responsive to a determination that the assigned score of one of the revised set of candidate locations with the highest assigned score does not exceed the assigned score of other ones of the revised set of candidate locations by a specified margin and that the assigned scores of at least some of the others of the revised set of candidate locations exceed a threshold value, presenting at least some of the

revised set of candidate locations to a user for user selection of the current location of the portable data processing system.

16.　(Currently Amended) The computer program product as recited in claim 11, wherein determining resources geographically proximate to the portable ~~computer~~ data processing system comprises using a directory-based protocol.

17.　(Currently Amended) The computer program product as recited in claim 11, wherein determining resources geographically proximate to the portable ~~computer~~ data processing system comprises using at least one of a Dynamic Host configuration Protocol, a Service Discovery Protocol, and Jini^{TM}.

18.　(Currently Amended) The computer program product as recited in claim 11, wherein determining resources geographically proximate to the portable data processing system comprises determining the latency between a message to interrogate a component and the arrival of the response.

19.　(Currently Amended) The computer program product as recited in claim 11, wherein determining resources geographically proximate to the portable data processing system comprises determining a route that a message to interrogate a component takes.

20.　(Currently Amended) The computer program product as recited in claim 11, wherein the resources include behaviors of the data processing system and proximate network.

21.　(Currently Amended) A data processing system for determining a location of the portable data processing system, the system comprising:

　　　a location syndrome generator which determines resources geographically proximate to the portable ~~computer~~ data processing system to generate a location syndrome;

a comparator which compares the location syndrome to a set of location profiles; and

a matcher which, responsive to sufficiently matching the location syndrome to one of the set of location profiles, returns, to another software component, a label corresponding to a matched one of the set of location profiles as a current location of the portable data processing system.

22.   (Currently Amended) The system as recited in claim 21, wherein sufficiently matching the location syndrome to one of the set of location profiles comprises:

a scorer which assigns a score to each location profile wherein the score corresponds to a degree to which the location profile matched the location syndrome and a set of the assigned scores ranges from a highest assigned score to a lowest assigned score.

23.   (Currently Amended) The system as recited in claim 22, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

a storage unit which stores a set of unique location identification labels corresponding to the set of location profiles as a set of candidate locations;

an eliminator which eliminates the unique location identification labels of for the lower scoring location profiles with the lowest assigned score to produce a revised set of candidate locations; and

an identifier which identifies a best match from the revised set of candidate locations as the current location of the portable data processing system.

24.   (Currently Amended) The system as recited in claim 23, wherein the identifier is a first identifier and wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

second identifier which, responsive to a determination that the assigned score of one of the revised set of candidate locations with the highest assigned score exceeds that assigned score of other ones of the revised set of candidate locations by a specified margin and that the assigned score of the one of the revised set of candidate locations

exceeds a threshold value, identifies the one of the revised set of candidate locations with the highest _assigned_ score as the current location of the portable data processing system.

25.   (Currently Amended) The system as recited in claim 23, wherein sufficiently matching the location syndrome to one of the set of location profiles further comprises:

a presentation unit which, responsive to a determination that the _assigned_ score of one of the revised set of candidate locations with the highest _assigned_ score does not exceed the _assigned_ score of other ones of the revised set of candidate locations by a specified margin and that the _assigned_ scores of at least some of the others of the revised set of candidate locations exceed a threshold value, presents at least some of the revised set of candidate locations to a user for user selection of the current location _of the portable data processing system_.

26.   (Canceled)

27.   (Currently Amended) The system as recited in claim 21, wherein determining resources geographically proximate to the portable ~~computer~~ _data processing system_ comprises using at least one of a Dynamic Host configuration Protocol, a Service Discovery Protocol, and Jini^{TM}.

28.   (Currently Amended) The system as recited in claim 21, wherein determining resources geographically proximate _to the portable data processing system_ comprises determining the latency between a message to interrogate a component and the arrival of the response.

29.   (Currently Amended) The system as recited in claim 21, wherein determining resources geographically proximate _to the portable data processing system_ comprises determining a route that a message to interrogate a component takes.

30.   (Currently Amended) The system as recited in claim 21, wherein:

the location syndrome generator determines behaviors of the data processing system and proximate network; and

the location profile includes a list of behaviors of the data processing system and proximate network present at a set of locations for which a location profile is available.

31.   (New) The method as recited in claim 1, wherein after sufficiently matching the location syndrome to more than one of the set of location profiles, presenting the plurality of the set of location profiles to a user for a selection of the current location of the portable data processing system.